



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-3R-XX-125 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-3R-XX-125

[ISSUEDATE] 9/25/2020

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-3R-XX-125

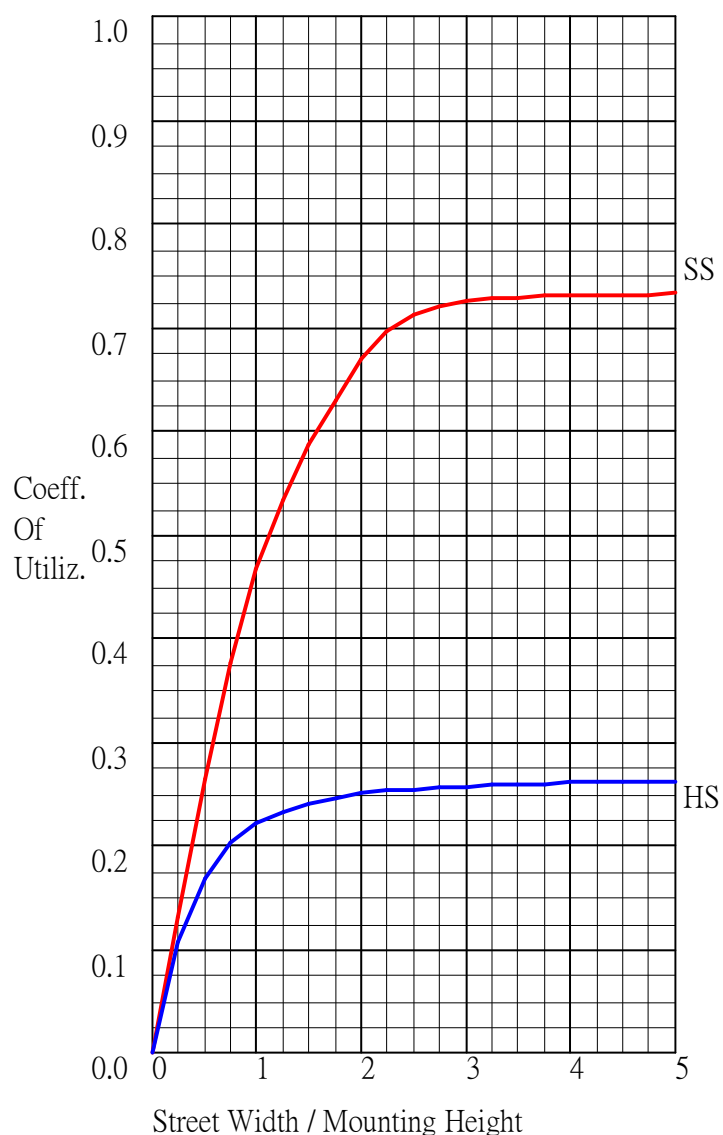
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12034
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	85
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5484.996
Maximum Candela Angle	65H 72.5V
Maximum Candela (<90 Degrees Vertical)	5484.996
Maximum Candela Angle (<90 Degrees Vertical)	65H 72.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1498.167 (12.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1316.9	N.A.	10.9
FM - Front-Medium (30-60)	4259.8	N.A.	35.4
FH - Front-High (60-80)	3184.4	N.A.	26.5
FVH - Front-Very High (80-90)	85.8	N.A.	0.7
BL - Back-Low (0-30)	796.9	N.A.	6.6
BM - Back-Medium (30-60)	1566.4	N.A.	13.0
BH - Back-High (60-80)	782.9	N.A.	6.5
BVH - Back-Very High (80-90)	41.1	N.A.	0.3
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	12034.2	N.A.	100.0
BUG Rating	B2-U0-G2		

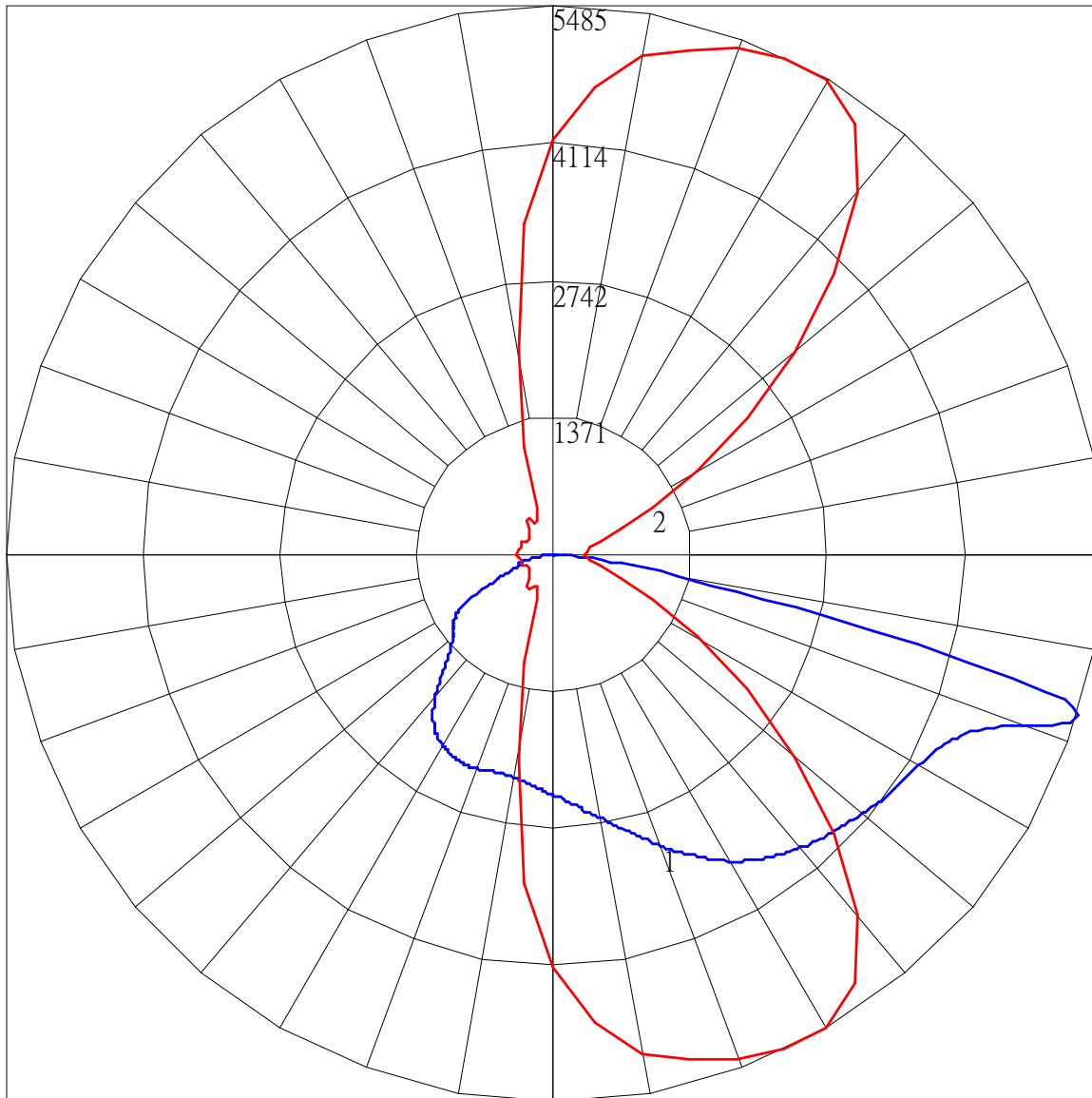
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	8847.0	73.5
Downward House Side	3187.3	26.5
Downward Total	12034.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	12034.3	100.0

POLAR GRAPH

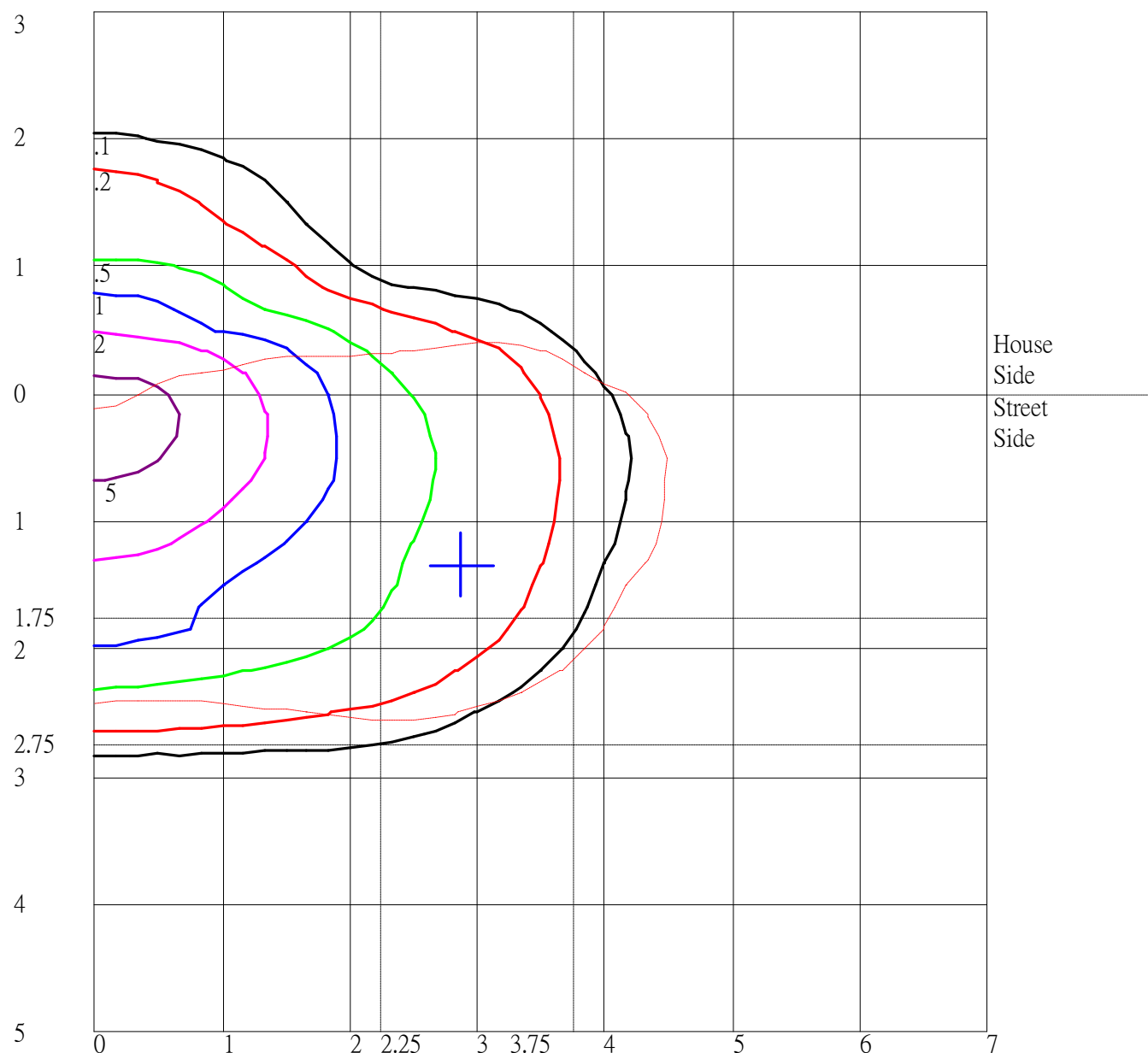


Maximum Candela = 5484.996 Located At Horizontal Angle = 65, Vertical Angle = 72.5

1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)

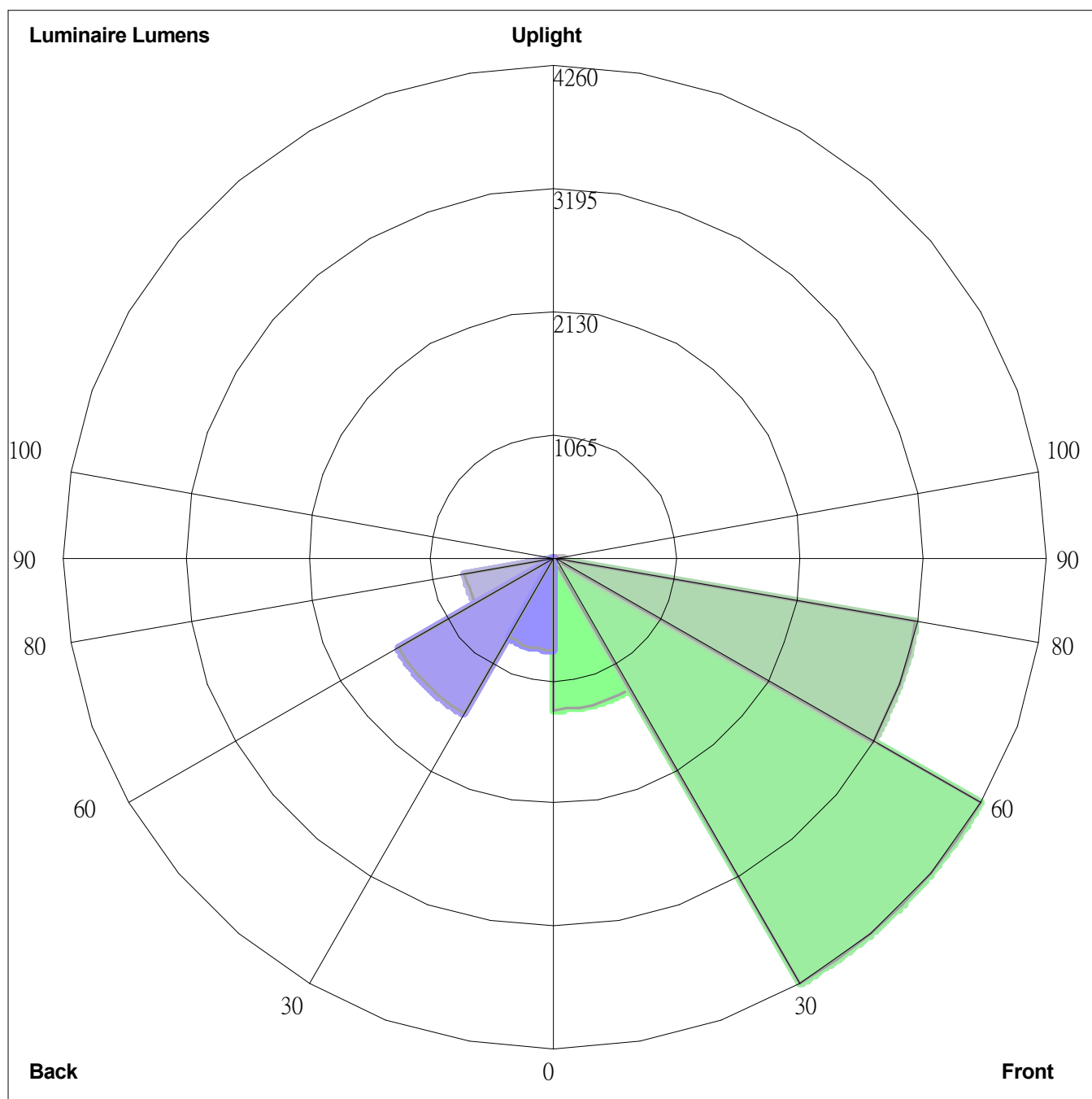
2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 20 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1316.9, Medium=4259.8, High=3184.4, Very High=85.8
Back: Low=796.9, Medium=1566.4, High=782.9, Very High=41.1
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2